

***"EXPERIENCE SHARING FOR URBAN DEVELOPMENT BETWEEN SHENZHEN
CHINA AND ISKANDAR MALAYSIA" (SUDSI)***

PROGRAM REPORT

- 1.0 PROGRAM NAME:** "EXPERIENCE SHARING FOR URBAN DEVELOPMENT BETWEEN SHENZHEN CHINA AND ISKANDAR MALAYSIA" (SUDSI)
- 2.0 DATE :** 22 SEPTEMBER 2010 TO 29 SEPTEMBER 2010
- 3.0 VENUE :** SHENZHEN & GUANGZHOU, CHINA
- 4.0 ORGANIZED BY :** 3RD YEAR STUDENT FROM BACHELOR OF QUANTITY SURVEYING (3 SBQ) AND DEPARTMENT OF QUANTITY SURVEYING, FACULTY OF BUILT ENVIRONMENT.

5.0 BACKGROUND OF PROGRAM

"Experience Sharing For Shenzhen Urban Development Between China And Iskandar Malaysia" (SUDSI) designed and implemented by the Department of Quantity Surveying from Faculty of the Built Environment is to give exposure to students the outside world and the construction industry outside from Malaysia.

Besides, it also provides additional knowledge regarding construction industry in China which will help the students to get exposure to the construction industry from outside and improve the Malaysia's construction industry. Students will also be train to be independent and working in group throughout the whole program. This will also train our students to be creative and discipline which is in line with UTM's mission.

6.0 VISION

- Strive to ensure that Malaysia can achieve the level of developed countries and make the graduates of UTM as a technocrat which is balanced and harmonious in terms of intellectual, spiritual, emotional, and physical with the aim of devotion to God.

7.0 OBJECTIVE

- Encourage student interaction at the international level through dialogue, discussions and presentations by students from the Faculty of Built Environment in Shenzhen University.
- Explore research collaboration with academic experts in Shenzhen on the needs and long-term effects of development in Shenzhen and made a "benchmark" to study in Iskandar Malaysia, especially in the field of urban planning, integrated development, architecture, the need for skilled manpower in the construction industry and facility management and life cycle costs of buildings
- Learn the history of architecture and built environment of Shenzhen which is the root of the descendants of Malaysian society through visiting to the historic sites.
- Recognizing the cultural and historical Guang Dong with visits to historic places and original skirting of the Malay community who migrated from Guang Dong and Hainan Island to Malaya in the past.
- Increase student's awareness of the historical realities that have been so closely intertwined between Malaysia and China to further strengthen solidarity and relations between the students of the Faculty of the Built Environment UTM.

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8.0 FULL PROGRAM REPORT

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On the 22nd and 29th of September 2010, students of Bachelor of Quantity Surveying, Faculty of Built Environment Universiti Teknologi Malaysia has hosted the program "Global Outreach" to Guangzhou and Shenzhen, China in cooperation with the Department of Quantity Surveying and the Office of Student Affairs Universiti Teknologi Malaysia.

This idea was triggered by third year Bachelor of Quantity Surveying students which are interested to see the difference between the Iskandar Development in Johor Region with the development of Shenzhen in China. The objective of this delegation is to promote interaction between international students through dialogue, discussions and presentations by students of the Faculty of Built Environment in the areas of Shenzhen University. In addition, to explore research collaboration with academic experts in Shenzhen on the needs and long-term effects of development in Shenzhen and made a 'benchmark' to study in Iskandar Malaysia, especially in the field of urban planning, integrated development, architecture, the need for skilled labor in construction industry and facility management and building life cycle costing.

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Various activities were conducted during this program, namely, cultural exchange between the delegates and participants of Shenzhen University. The purpose of this activity was to foster relationships between the two universities. In addition, it also seeks to recognize cultural differences and local cultural learning between Universiti Teknologi Malaysia and Shenzhen University.



This program had given us an opportunity to visit a construction site for the International Finance Centre project, and Shenzhen Bay Sports Centre Project. The International Finance Centre is a mega project of China. This is because the project cost nearly 100 billion Yuen Reminbi which is equivalent to RM 50Billion. Contractor for this project consists of local contractor's tender type which is the same as Malaysia; the tender selection process is base on contractor's experienced and financial status.

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This project is using a 'raft foundation' as a basis for the building and the bottom of the raft foundation will be supported by bore piles in supporting the structure. The construction started in October 2009 and is expected to be completed in 2015.



While for the Shenzhen Bay Sports Centre project, the most special element is the roof, where its structure is constructed by steel and it is curved in shape, more like the concept of the Bird Nest in China. The gross floor area is 82.000m². Walls and roof are decorated with glass. This project uses the type of contract 'Design, Operate and built' (DOB). The cost of this project is 2.1 billion and this stadium can accommodate 100,000 people.

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In addition, we also have the opportunity to visit several historic sites and see the local culture around Shenzhen and Guangzhou. Among the places visited was the ancient town Xin'an Museum, Shenzhen Window of the World, Splendid China, China Folk Culture Village, Yue Xiu Park (Stone Sculpture of the Five Rams), Zhen HaiLou, and Assahabi Abi Waqas Mosque (Muslim Sage's Tomb)

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Xin'an ancient town is located in the north of Nantou. It is also known as Nantou Ancient City; it is one of the biggest tourist places and is filled with history in Shenzhen for over 1730 years. Historically, Xin'an town built on the "Wanli 1st Ming Dynasty ", ie in the year of 331. The total area is 70.000 square meter.



Shenzhen Museum is a museum filled with extensive collections of cultural relic's propaganda, and educational and scientific research. To date, the Museum of Shenzhen has more than 20,000 cultural relics units, such as specimens, fossils, paleobiological date from 100 million years, ancient history and art treasures from 5000 years of civilization of China and other historical materials, such as the age of modern and contemporary history of Shenzhen. This is a valuable cultural heritage which is important basis of the 'Shenzhen Martical Museum.

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In addition, the museum also has various Shenzhen valuable collections of relics of ancient cultures. So, visitors can appreciate the wealth of art and the art works of different schools in the museum, there is room full of elegant art and entertainment. Other than culture, the Museum of Shenzhen has published several monographs, such as Ancient History of Shenzhen, Modern History Shenzhen, History of Shenzhen, and History of the Shenzhen Special Zone, History of future Shenzhen, Archaeology, and Research in Shenzhen, the Tenth Anniversary of Shenzhen, Shenzhen Cultural Relics and the House of Shenzhen's Hakka.

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Window of the World is one of the tourist attractions, which consists of two main parts, namely 'theme parks' and 'cultural village'. 'Cultural village' display – buildings which is well known around the world located in different countries. For example, Mahamuni Pagoda of Mandalay, the Angkor Wat of Cambodia, the Eiffel Tower, Ancient Athens, Leaning Tower of Pisa and so forth.



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Splendid China is a comprehensive miniature park which is located in Shenzhen. The theme of this park reflects the history, culture, art, ancient architecture, traditions and customs of various nations. This is one of the largest parks in the world. The park was developed and operated by travel corporations, China Travel Services. Splendid China in Shenzhen is located in the Gulf tourist areas in the Overseas Chinese Town - Shenzhen Special Economic Zone.

A total of 100 major tourist attractions have been miniaturized and arranged in accordance with the map of China. Most of the attractions are being reduced to 1:15 scale. It is divided into Scenic Spot Area and Comprehensive Service area. The park covers 30 hectares complete with facilities and rail cars for guests to travel around the park, making it possible to visit the Great Wall of China, Forbidden City, Temple of Heaven, the Three Gorges Dam, Potala Palace and the Terracotta Army in one day.



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Yue Xiu Park (Stone Sculpture of the Five Rams) is the largest park in Guangzhou. The park has five man-made lakes. Views of the park is attractive and has many historical remains were found here. Five-Ram Sculpture is the most famous structures in Guangzhou where it was built in 1959. This structure was constructed using about 130pieces of marble. The height of this structure is 10 meters from the site and it describes the famous legend.

History of Zhen Hai Lou dates back 600 years ago and it is constructed to avoid the Japanese pirates. As one of the landmarks in Guangzhou, Zhen Hai Lou is the Guangzhou museum because of its history and there are a lot of relic collections.

Assahabi Abi Waqas Mosque (Muslim Sage's Tomb) is a mosque which also houses the tomb of Saad Abi Waqas. Based on the history of arrival of Islam to China began in the days of Al Affan Uthman (RA) in which the uncle of the Prophet (PBUH), Sa'ad abi Waqashas been sent to China by sea silk road to the Emperor of Tang Dynasty.

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These envoys landed in Canton, which is the major trading port in China, after that go to the Tang dynasty capital at Xian and well received by them. Emperor ordered a mosque built in Canton (now Guangzhou) as a remembrance of this historic event. The mosque is the first and oldest mosques in China. Abi Waqas Saad then back to Guangzhou and died there. A memorial was built and known as the Saad Abi Waqas station in the city of Guangzhou.

In conclusion, the visit to these places gives a deep impression to the participants of the delegation, particularly in terms of cultural and socio-economic development of the Chinese community in Shenzhen and Guangzhou.



9.0 ADVANTAGEOUS

Among the advantages that we have obtained are:

12.1 SUDSI Program provides a positive impact on the participants, particularly in terms of construction technology knowledge for the implementation of this program, participants can see and feel themselves the technology used in the solid and built. In addition to the discussion of current industry conditions, they can increase their knowledge about the industry in other countries, particularly China.

12.2 This program has achieved the objective to establish an international collaboration between Universiti Teknologi Malaysia (UTM) as the premier technology institutions in Malaysia with technology institutions in developed countries, particularly in the areas of construction and development. In addition, it provides exposure to students about the world of management and effective leadership and delivery of individual potential, caliber, and charismatic personality and spiritual aspects.

10.0 WEAKNESSES

This program is not free from facing some weakness. Namely:

13.1 The actual activities do not fully follow the schedule

Because the program involves many participants, thus time needed to gather all the students for each activity. However, we still can manage and provide better planning and scheduling again by the end of all activities to be carried out as planned.

14.0 CONCLUSION

In a nutshell, we achieve the vision and objective of this Global Outreach Program. We did learn a lot of China culture through this trip.

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Program and Activities

No.	Date	Program / Activity
1	22-Sep-10	2.30pm Depart to Changi Airport, Singapura 6.30pm Briefing from travel agent on Health & Safety 11.40pm Depart to Shenzhen, China
2	23-Sep-10	6.00am Arrived at Shenzhen Bao'an International Airport, China 12.00pm Check-in Hotel 2.00pm Learn Shenzhen culture and development at Splendid China & Chinese Folk Culture Village.
3	24-Sep-10	8.00am Visit to University of Shenzhen hingga 5.00pm
4	25-Sep-10	8.00am Study the construction of Pingan Internantional Finance hingga Center and Shenzhen Bay Sport Center 5.00pm
5	26-Sep-10	8.00am Visit to Piling Factory – Explanation and discussion among students and factory supervisors 2.00pm Learn Shenzhen Public Transport System Special Economic Zone (SEZ Shenzhen)
6	27-Sep-10	9.00am Visit to 'Guang Dong Provincial Museum' 1.30pm Visit to Shenzhen Xin'an (Nantou) Ancient City 5.00pm Visit to 'Mangrove Nature Reserve'

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No.	Date	Program / Activity	
7	28-Sep-10	8.00am	Visit to Institute of South East Asia Studies – briefing and discussion
		2.30pm	Visit to historical buildings and learn the development of Guang Zhou
		8.00pm	Depart to Shenzhen Bao'an International Airport
8	29-Sep-10	6.00am	Arrive at Singapura
		10.00am	Depart to UTM Skudai